

Converting Colors

XYZ(21.1425, 19.0513, 27.0098)

Have a look what the booklet for
XYZ(21.1425, 19.0513, 27.0098)
contains.

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Color

**XYZ(21.2128, 19.1633,
27.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	8B718B
RGB	139, 113, 139
RGB Percent	55%, 44%, 55%
CMY	0.4549, 0.5569, 0.4549
CMYK	0.00, 0.19, 0.00, 0.45
HSL	300°, 10%, 49%
HSV	300°, 19%, 55%
XYZ	21.2128, 19.1633, 27.0069
YIQ	123.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

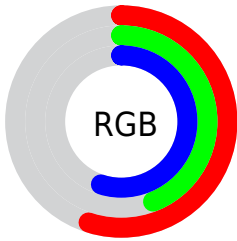
Format	Color
R_{YB}	139, 113, 139
Decimal	9138571
CIE _{Lab}	50.88, 15.02, -10.35
CIE _{LCh}	51, 18.246, 325.423
Yxy	19.1633, 0.3148, 0.2844
Android (android.graphics.Color)	4287328651 (0xFF8B718B)
YUV	123.7380, 7.5242, 13.3848
Hunter-Lab	43.7759, 9.8892, -5.9350

Details

The XYZ color **21.2128, 19.1633, 27.0069** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0241, 23.1688, 19.0932**, and the grayscale version is **19.0456, 20.0375, 21.8208**.

A 20% lighter version of the original color is **44.9619, 42.0535, 55.6166**, and **7.8133, 6.6257, 10.3183** is the 20% darker color. If you saturate the color by 10%, you get **19.7795, 16.2964, 26.5293**, and if you desaturate by 10%, it is **22.8848, 22.5070, 27.5646**.

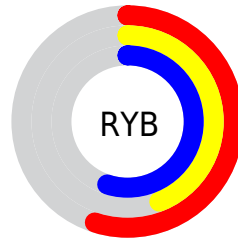
Distribution



Red (55%)

Green (44%)

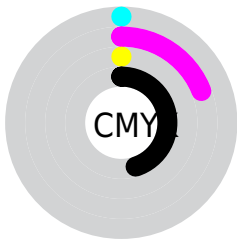
Blue (55%)



Red (55%)

Yellow (44%)

Blue (55%)

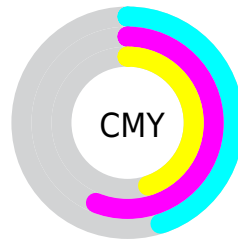


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2128, 19.1633, 27.0069 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.2128, 19.1633, 27.0069 by changing the saturation by 10% instead.

■ 21.2128, 19.1633,
27.0069

■ 21.2128, 19.1633,
27.0069

251.1176,
247.3488, 301.4518

■ 13.3930, 11.7883,
17.3459

■ 44.9300, 42.0099,
55.8988

■ 7.7786, 6.5997,
10.3169

■ 61.5582, 58.2502,
75.9668

■ 4.0042, 3.2131,
5.5012

■ 81.8531, 78.2145,
100.3409

■ 1.7045, 1.2440,
2.4804

■ 106.1803,
102.2872, 129.4397

■ 0.4591, 0.0972,
0.8297

134.9049,
130.8525, 163.6816

■ 0.0000, 0.0000,
0.0000

168.3925,

164.2950, 203.4852

207.0082,
202.9989, 249.2691

■ 21.2128, 19.1633,
27.0069

■ 21.2128, 19.1633,
27.0069

■ 19.7795, 16.2964,
26.5293

■ 22.8848, 22.5070,
27.5646

■ 18.5724, 13.8822,
26.1268

■ 24.8038, 26.3450,
28.2043

■ 17.5804, 11.8982,
25.7960

■ 26.9800, 30.6973,
28.9298

■ 16.7909, 10.3194,
25.5328

■ 29.4223, 35.5819,
29.7440

■ 16.1901, 9.1177,
25.3324

■ 32.1393, 41.0158,
30.6498

■ 15.7621, 8.2617,
25.1896

■ 35.1392, 47.0155,
31.6498

■ 15.4887, 7.7149,
25.0984

■ 38.4297, 53.5967,
32.7468

■ 15.3273, 7.3922,
25.0445

■ 42.0186, 60.7743,
33.9432

■ 15.3077, 7.3531,
25.0380

■ 45.9130, 68.5630,
35.2414

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.7396, 19.1633, 31.1510



21.2128, 19.1633, 27.0069



21.8838, 19.1633, 21.6661

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.2128, 19.1633, 27.0069



18.4916, 19.1633, 12.4675



15.2656, 19.1633, 25.4132

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.2128, 19.1633, 27.0069



19.0241, 23.1688, 19.0932

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.9795, 19.1633, 20.0850



21.2128, 19.1633, 27.0069



16.7694, 19.1633, 13.1372

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.2128, 19.1633, 27.0069



20.2483, 19.1633, 13.7265



15.5123, 19.1633, 15.7339



16.3210, 19.1633, 30.1298

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.2128, 19.1633, 27.0069



21.7558, 19.1633, 18.3407



15.5123, 19.1633, 15.7339



15.0794, 19.1633, 23.6121

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.2134, 19.1641, 27.0073



41.8232, 41.9877, 49.6430



17.3762, 17.1860, 26.8279



9.5947, 9.5903, 11.4248



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.2134, 19.1641, 27.0073



36.9705, 32.2824, 48.0251



20.3192, 18.8064, 22.2985



5.2339, 5.1290, 6.3200



13.8157, 6.6364, 22.5976



0.0918, 0.0441, 0.1501

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.2134, 19.1641, 27.0073



36.9705, 32.2824, 48.0251



19.8093, 23.4829, 23.2280



5.2339, 5.1290, 6.3200



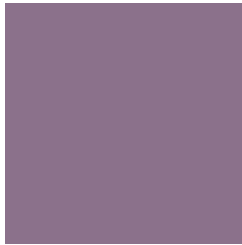
13.8157, 6.6364, 22.5976



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 21.2128, 19.1633, 27.0069 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.2128, 19.1633, 27.0069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

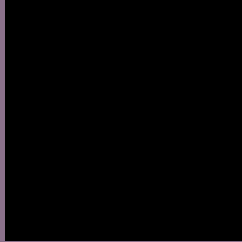
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2128, 19.1633, 27.0069

Background



This preview shows how black text looks on a background with the XYZ color 21.2128, 19.1633, 27.0069.



This preview shows how white text looks on a background with the XYZ color 21.2128, 19.1633,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.2128, 19.1633, 27.0069

Protanopia

19.0866, 19.2285, 29.0910

Deuteranopia

19.5233, 19.1518, 26.7124



Tritanopia

20.2636, 19.2898, 22.0573

Trichromacy



Original Color

21.2128, 19.1633, 27.0069

Protanomaly

19.7012, 19.0355, 28.2270

Deuteranomaly

20.0388, 19.0716, 26.6698

Tritanomaly

20.6412, 19.2764, 23.7519

Monochromacy



Original Color

21.2128, 19.1633, 27.0069

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.7322, 19.6850, 23.5285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2128, 19.1633, 27.0069 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(139, 113, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(139, 113, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.2128, 19.1633, 27.0069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 113, 139) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(139, 113, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(139, 113, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 113, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 113, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 113,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2128, 19.1633, 27.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(139,  
113, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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